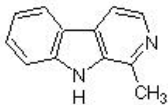


Product datasheet

Harmane, beta-Carboline. Imidazoline ligand. MAO inhibitor. ab120605

1 Image

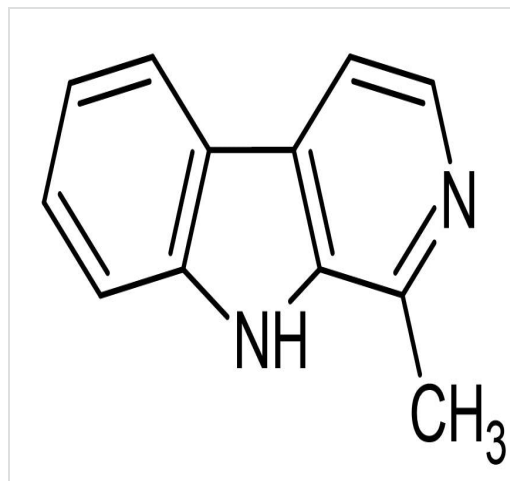
Overview

Product name	Harmane, beta-Carboline. Imidazoline ligand. MAO inhibitor.
Description	β -Carboline. Imidazoline ligand. MAO inhibitor.
Biological description	Nanomolar affinity for the I ₁ -imidazoline receptor (IC ₅₀ = 30 nM). Endogenous to the brain. Able to cross the blood-brain barrier. Active at I ₁ , I ₂ and I ₃ binding sites, 1000-fold selectivity for I ₁ over α_2 adrenoceptors. Known MAO-A inhibitor.
CAS Number	486-84-0
Chemical structure	

Properties

Chemical name	1-Methyl-9H-pyrido[3,4-b]indole
Molecular weight	182.22
Molecular formula	C ₁₂ H ₁₀ N ₂
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 100 mM and in DMSO to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
Source	Synthetic

Images



Chemical Structure - Harmane, beta-Carboline.

Imidazoline ligand. MAO inhibitor. (ab120605)

2D chemical structure image of ab120605, Harmane, beta-Carboline. Imidazoline ligand. MAO inhibitor.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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